

Product data
45Kg PE

Desc (lang 2)	Standard	Value	Unit
Density	ISO 845	45	KG/m ³
Tensile strength	ISO 1798	478	kPA
Elongation	ISO 1798	224	%
Compression 10%	ISO 844	88	kPA
Compression 25%	ISO 844	103	kPA
Compression 50%	ISO 844	172	kPA
Compression Set -0.5 Hrs	ISO 1856	7.0	%
Compression Set -24 Hrs	ISO 1856	2.0	%
Compression Set 50% 0.5 Hrs	ISO 1856	20.0	%
Compression Set 50% 24 Hrs	ISO 1856	7.0	%
Working Temperature Range	Internal	-60 / 90	°C
Water Absorption % Vol (max)	Internal	1	%
Thermal Conductivity at 10C	ASTM C177	0.0440	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0460	W/mK
Shore-00	ASTM D2240	61	°°
Flammability	FMVSS302	35	mm/min

- Gilca 30 kg PE foam is a closed cell cross-linked polyethylene foam block.
- Tolerances other than the above may be negotiated.
- Dimensional stability 22 hr at 70C < 2%.
- Dimensional stability 24 hr at 90C < 5%.

- If holes were created during the foaming process, no more than 6 holes of diameter 2mm per 1m₂ sheet are acceptable.
- This information on Gilca 45 kg PE chemically cross-linked polyethylene foam is presented to the best of our knowledge.
- Data represents typical values measured on a 10 mm thick specimen and should be considered as guidelines only.

Last update: 06/09/10